

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24731-500BSERIAL NO.  
08/700,565LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
MICHEAL L. GRUENBERG

RECEIVED

FILING DATE  
July 25, 1996GROUP  
1644

FEB 15 2001

TECH CENTER 1600/2900

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No
<i>W. B. G.</i>	A	2 8 8 3 2 0 1	04/99	JP B2			claims

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>W. B. G.</i>	B	Derwent #008306271 WPI Acc. No. 1990-193272/199025 (citing, WO Patent Publication WO90/05541, the parent of Japanese Patent Publication No. JP 2883201, published April 19, 1999).
	C	June et al., "T-Cell Proliferation Involving the CD28 Pathway Is Associated with Cyclosporine-Resistant Interleukin 2 Gene Expression", <i>Molecular and Cell Biology</i> , Dec: 4472-4481 (1987).
	D	Martin et al., "A 44 Kilodalton Cell Surface Homodimer Regulates Interleukin 2 Production By Activated Human T Lymphocytes", <i>J. of Immunol.</i> 136(9): 3282-3287 (1986).
	E	Translation (not certified) of the Claims for the Japanese Patent No. 2883201.
	F	Certified English language translation of the Japanese Patent No. 2883201.

EXAMINER *M. L. G.*DATE CONSIDERED *7/24/00*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24731-500BSERIAL NO.  
08/700,565LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Gruenberg, M.FILING DATE  
July 25, 1996GROUP  
1644

TECH CENTER 1600/2900

MAY 08 2002

RE-  
ED

MAY 03 2002

PATENT &amp; TRADEMARK OFFICE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
WJS	A	5	0	8	1	0	2	9	01/14/92	Zarling <i>et al.</i>	435	172.3	02/01/89
	B	5	8	1	4	2	9	5	09/29/98	Martin, Jr. <i>et al.</i>	424	1.29	07/13/94
	C	5	8	7	2	2	2	2	02/16/99	Chang	530	391.1	12/18/92
	D	6	1	2	9	9	1	6	10/10/00	Chang	424	179.1	11/25/92
	E	6	3	5	2	6	9	4	03/05/02	June <i>et al.</i>	424	93.71	03/10/95

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No
WJS	F	0	4	4	0	3	7	3	08/07/91	EP	—	—	
	G	9	2	0	0	0	9	2	01/09/92	PCT WO	—	—	
	H	9	4	1	2	1	9	6	06/09/94	PCT WO	—	—	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

WJS	I	Anderson <i>et al.</i> "Cross-Linking of T3 (CD3) with T4 (CD4) enhances The proliferation of resting T lymphocytes" <i>The Journal of Immunology</i> 139: 678-682 (1987).
	J	Anderson <i>et al.</i> "Crosslinking CD3 with CD2 using Sepharose-immobilized antibodies enhances T lymphocyte proliferation," <i>Cell Immunology</i> 115: 246-256 (1988).
	K	Baroja <i>et al.</i> "Cooperation Between an Anti-T Cell (Anti-CD28) Monoclonal Antibody and Monocyte-Produced IL-6 in the Induction of T Cell Responsiveness to IL-2," <i>The Journal of Immunology</i> 141: 1502-7 (1988).
	L	Baroja <i>et al.</i> "The Anti-T Cell Monoclonal Antibody 9.3 (Anti-CD28) provides a Helper Signal and Bypasses the Need for Accessory Cells in T-Cell Activation with Immobilized Anti-CD3 and Mitogens," <i>Cellular Immunology</i> 120: 205-217 (1989).
	M	Damle <i>et al.</i> "Differential Costimulatory Effects of Adhesion Molecules B7,ICAM-1, LFA-3, and VCAM-1 On Resting and Antigen-Primed CD4 + T Lymphocytes," <i>The Journal of Immunology</i> 148: 1985-1992 (1992).
	N	Damle <i>et al.</i> "Stimulation Via the CD3 and CD28 Molecules Induces responsiveness To IL-4 in CD4 + CD29 + CD45R- Memory T Lymphocytes," <i>The Journal of Immunology</i> 143: 1761-7 (1989)

EXAMINER

NL

DATE CONSIDERED

7/29/2002

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24731-500BSERIAL NO.  
08/700,565LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Gruenberg, M.FILING DATE  
July 25, 1996GROUP  
1644

TECH CENTER 1600/2900

MAY 08 2002

RECEIVED

OIF E SCT  
MAY 03 2002  
PATENT & TRADEMARK OFFICE

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

W3	O	Hawke <i>et al.</i> "Stimulation of human T cells by sparse antigen captured on immunomagnetic particles" <i>J. of Immunol. Methods</i> <u>155</u> : 41-48 (1992).
	P	Karawajew <i>et al.</i> "A simple and sensitive method to study effects mediated by soluble lymphokines as demonstrated by the interaction of CD4+ and CD8+ cell subsets during T cell activation," <i>The Journal of Immunological Methods</i> <u>173</u> : 27-31 (1994).
	Q	Scouten <i>et al.</i> "Reversible Immobilization of Antibodies on Magnetic Beads," <i>Analytical Biochem.</i> <u>205</u> : 313-318 (1992).

EXAMINER

WU

DATE CONSIDERED

7/29/2002

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

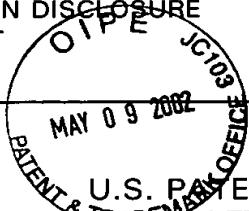
FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24731-500BSERIAL NO.  
08/700,565LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Gruenberg, M.FILING DATE  
July 25, 1996GROUP  
1644

TECH CENTER 1600/2900

MAY 20 2002

RECEIVED



U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes	No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

W3	A	Borst <i>et al.</i> "The $\delta$ - and $\epsilon$ - chains of the human T3/T-cell receptor complex are distinct polypeptides," <i>Nature</i> 312: 455-458 (1986).
	B	Ceuppens, J.L. and M.L. Baroja, "Monoclonal Antibodies to the CD5 Antigen Can Provide the Necessary Second Signal for Activation of Isolated Resting T Cells by Solid-Phase-Bound OKT3," <i>The Journal of Immunology</i> 137: 1816-1821 (1986).
	C	Ding, L. <i>et al.</i> , "Activation of CD4 $^{+}$ T cells by delivery of the B7 costimulatory signal on bystander antigen-presenting cells (trans-costimulation)," <i>European J. of Immunology</i> 24:859-866 (1994).
	D	Kuiper <i>et al.</i> "Differences in responsiveness to CD3 stimulation between naive and memory CD4 $^{+}$ T cells cannot be overcome by CD28 costimulation," <i>European J. of Immunology</i> 24(9): 1956-60 (1994).
	E	Ledbetter <i>et al.</i> "Antibody Binding to CD5 (Tp67) and Tp44 Cell Surface Molecules: Effects on Cyclic Nucleotides, Cytoplasmic Free Calcium, and cAMP-Mediated Suppression," <i>The Journal of Immunology</i> 137(10): 3299-3305 (1986).
	F	Lum <i>et al.</i> "Coactivation with anti-CD28 monoclonal antibody enhances anti-CD3 monoclonal antibody-induced proliferation and IL-2 synthesis in T cells from autologous bone marrow transplant recipients," <i>Bone Marrow Transplantation</i> 12: 565-571 (1993).
	G	Nijhuis <i>et al.</i> "Activation and expansion of tumour-infiltrating lymphocytes by anti-CD3 and anti-CD28 monoclonal antibodies," <i>Cancer Immunol. Immunotherapy</i> 32: 245-50 (1990).
	H	Pai <i>et al.</i> "Cross-linking CD28 leads to activation of 70-kDa S6 kinase," <i>European Journal of Immunology</i> 24(10): 2364-2368 (1994).
W	I	Urdahl <i>et al.</i> "Accessory Cell-derived Costimulatory Signals Regulate T Cell Proliferation," <i>Ann. N.Y. Acad. Sci.</i> 636: 33-42 (1991).

EXAMINER

DATE CONSIDERED

7/24/2002

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24731-500BSERIAL NO.  
08/700,565LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Gruenberg, M.FILING DATE  
July 25, 1996MAY 09 2002  
O I P E  
U. S. PATENT & TRADEMARK OFFICE  
GROUP  
1644TECH CENTER  
1600/2900

MAY 20 2002

RECEIVED

## OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

W2y	J	Van Wauwe <i>et al.</i> "OKT3: A Monoclonal Anti-Human T Lymphocyte Antibody With Potent Mitogenic Properties," <i>The Journal of Immunology</i> 124(6): 2708-2713 (1980).
	K	Von Fliedner <i>et al.</i> "Production of Tumor Necrosis Factor- $\alpha$ by Naive Or Memory T Lymphocytes Activated via CD28," <i>Cellular Immunology</i> 139: 198-207 (1992).
	L	Weber <i>et al.</i> "Activation Through CD3 Molecule Leads to Clonal Expansion of All Human Peripheral Blood T Lymphocytes: Functional Analysis of Clonally Expanded Cells, <i>The Journal of Immunology</i> 135(4): 2337-2342 (1985).

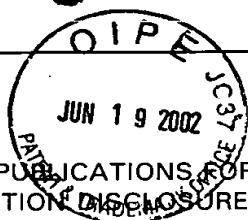
EXAMINER

DATE CONSIDERED

7/24/2002

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24731-500BSERIAL NO.  
08/700,565LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Gruenberg, M.FILING DATE  
July 25, 1996GROUP  
1815

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>WL</i>	A	0 0 5 3 3 6 1	12/20/01 A1	Thompson et al.	424	143.1	06/07/95

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes	Translation No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		2

RECEIVED

JUL 1 2002

TECH CENTER 1600/2900

EXAMINER

*WL*

DATE CONSIDERED

*7/24/2002*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.